

# Cometary Cell C2005

## Track 121

### Images

#### Aerogel Cell:

Level 2: [C2005\\_02.jpg](#)

Level 3: [C2005\\_T1\\_20x.jpg](#)

#### Track and Grains:

[C2005\\_2\\_121.ppt](#)

#### Microtomed samples:

#### Track History:

Track 121 was recovered from a chip that fell off of C2005 during the tile removal process on February 20, 2007. Nakamura-Messenger used the Ishii knife to extract the track from the chip on June 20, 2007. Nakamura-Messenger has also extracted particles from this track. The track and its history are fairly well documented.

#### Track Characteristics:

Type: Carrot, Type B

Length / Depth: ~ 900  $\mu\text{m}$

Grain diameters: ~ 10  $\mu\text{m}$ .

#### Allocation History

### Results

**Level 3:** T.H. See and J. Warren examined the flakes or fragments that came off of exposed surface of C2005. Each of these fragments was surveyed using the Nikon SMZ1500 microscope looking for tracks. Fragments found to contain tracks were assigned daughter numbers (*i.e.*, 2, 3, & 4) and placed in their own crucible. Eight tracks were located, images were taken of the overall fragments and the locations of the tracks were marked on the "C2005,x Track Maps.jpg" file that resides in the track folder of Level 3 for C2005. Images were also taken of the tracks using the Leica system and the images stored in the tracks folder for this tile.

Track 121 is believed to be T2 from the above group and associated [photos](#) of the tracks in these various fragments.

**Data Files:** None available. Terminal particles extracted and pressed in to Au substrate and sent to Bridges for analysis in July 2007.

